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PATENT TRADEMARK OFFICE

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CENTRAL FAX CENTER****APR 14 2004****FACSIMILE TRANSMITTAL SHEET**

TO:		FROM:	
Group 2816		Bruce A. Johnson	
Attn: Examiner LE, DINH THANH			
COMPANY:		DATE:	
USPTO		04/13/04	
FAX NUMBER:		TOTAL NO. OF PAGES INCLUDING COVER:	
703-872-9318		22	
PHONE NUMBER:		SENDER'S REFERENCE NUMBER:	
		75622.P0016	
RE:		YOUR REFERENCE NUMBER:	
09/686,072			

NOTES/COMMENTS:

Re: U.S. Patent Application for:
"METHOD AND APPARATUS FOR REDUCING INTERFERENCE"
Applicant: Welland et al.
Serial. No.: 09/686,072
Filed: October 11, 2000
Atty. Docket.: 75622.P0016

Attached are the following:

1. PTO/SB/21 Transmittal (1 page)
2. PTO/SB/22 Extension of Time (1 page)
3. PTO/SB/17 Fee Transmittal (1 page)
4. PTO-2038 Credit Card Form (1 page)
5. Amendment/Reply (17 pages)

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OJPE/JCWS****CONFIDENTIALITY NOTE**

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PTO/SB/21 (12-97)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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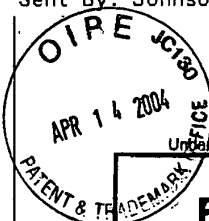
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/686,072	
	Filing Date	10/11/2000	
	First Named Inventor	Welland, David R.	
	Group Art Unit	2816	
	Examiner Name	LE, DINH THANH	
Total Number of Pages in This Submission	21	Attorney Docket Number	75622.P0016

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request of Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Johnson & Associates Bruce A. Johnson
Signature	
Date	April 13, 2004

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Bruce A. Johnson
Signature	
Date	April 13, 2004

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PTO/SB/17 (09-00)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2001		Complete if Known	
<small>Patent fees are subject to annual revision.</small>		Application Number	09/686,072
		Filing Date	10/11/2000
		First Named Inventor	David R. Welland
		Examiner Name	LE, DINH THANH
		Group Art Unit	2816
		Attorney Docket No.	75622.P0016
TOTAL AMOUNT OF PAYMENT		\$ 420.00	

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																																																																												
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number: _____</p> <p>Deposit Account Name: _____</p> <p><input type="checkbox"/> Charge Any Additional Fee Required (Under 37 CFR 1.16 and 1.17)</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p><input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>\$0</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td>\$0</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td>\$0</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td>\$0</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td>\$0</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>\$0</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td>\$0</td></tr> <tr><td>116</td><td>410</td><td>216</td><td>205</td><td>Extension for reply within second month</td><td>\$420</td></tr> <tr><td>117</td><td>890</td><td>217</td><td>446</td><td>Extension for reply within third month</td><td>\$0</td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td>\$0</td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td>\$0</td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td>\$0</td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td>\$0</td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td>\$0</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td>\$0</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td>\$0</td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td>\$0</td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or misuse)</td><td>\$0</td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td>\$0</td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td>\$0</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td>\$0</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td>\$0</td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Sheet</td><td>\$0</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>\$0</td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.126(a))</td><td>\$0</td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.126(b))</td><td>\$0</td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td>\$0</td></tr> <tr><td>168</td><td>900</td><td>168</td><td>900</td><td>Request for expedited examination of a design application</td><td>\$0</td></tr> <tr><td colspan="5">Other fee (specify): _____</td><td>\$0</td></tr> <tr> <td colspan="5">* Reduced by Basic Filing Fee Paid</td> <td>SUBTOTAL (3)</td> <td>\$420.00</td> </tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	\$0	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	\$0	139	130	139	130	Non-English specification	\$0	147	2,520	147	2,520	For filing a request for ex parte reexamination	\$0	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	\$0	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	\$0	115	110	215	55	Extension for reply within first month	\$0	116	410	216	205	Extension for reply within second month	\$420	117	890	217	446	Extension for reply within third month	\$0	118	1,390	218	695	Extension for reply within fourth month	\$0	128	1,890	228	945	Extension for reply within fifth month	\$0	119	310	219	155	Notice of Appeal	\$0	120	310	220	155	Filing a brief in support of an appeal	\$0	121	270	221	135	Request for oral hearing	\$0	138	1,510	138	1,510	Petition to institute a public use proceeding	\$0	140	110	240	55	Petition to revive - unavoidable	\$0	141	1,240	241	620	Petition to revive - unintentional	\$0	142	1,240	242	620	Utility issue fee (or misuse)	\$0	143	440	243	220	Design issue fee	\$0	144	600	244	300	Plant issue fee	\$0	122	130	122	130	Petitions to the Commissioner	\$0	123	50	123	50	Petitions related to provisional applications	\$0	126	240	126	240	Submission of Information Disclosure Sheet	\$0	581	40	581	40	Recording each patent assignment per property (times number of properties)	\$0	146	710	246	355	Filing a submission after final rejection (37 CFR § 1.126(a))	\$0	149	710	249	355	For each additional invention to be examined (37 CFR § 1.126(b))	\$0	179	710	279	355	Request for Continued Examination (RCE)	\$0	168	900	168	900	Request for expedited examination of a design application	\$0	Other fee (specify): _____					\$0	* Reduced by Basic Filing Fee Paid					SUBTOTAL (3)	\$420.00
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<p>2. EXTRA CLAIM FEES</p> <p>Total Claims: 0 - 20** = 0 X \$18 = \$0.00</p> <p>Independent Claims: 0 - 3** = 0 X \$86 = \$0.00</p> <p>Multiple Dependent</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>86</td><td>202</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>** Release independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Release claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="5">SUBTOTAL (2)</td><td>\$0.00</td></tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	86	202	43	Independent claims in excess of 3		104	270	204	135	Multiple dependent claim, if not paid		109	80	209	40	** Release independent claims over original patent		110	18	210	9	** Release claims in excess of 20 and over original patent		SUBTOTAL (2)					\$0.00	<p>1. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>770</td><td>201</td><td>385</td><td>Utility filing fee</td><td>0</td></tr> <tr><td>106</td><td>340</td><td>206</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>750</td><td>208</td><td>375</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5">SUBTOTAL (1)</td><td>\$ 0.00</td></tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	770	201	385	Utility filing fee	0	106	340	206	170	Design filing fee		107	490	207	245	Plant filing fee		108	750	208	375	Reissue filing fee		114	160	214	80	Provisional filing fee		SUBTOTAL (1)					\$ 0.00																																																																																																							
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SUBMITTED BY		Complete if applicable	
Name (Print/Type)	Bruce A. Johnson	Registration No. (Attorney/Agent)	37361
Signature		Telephone	512-301-9900
		Date	4/13/04

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**RECEIVED
CENTRAL FAX CENTER****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****APR 14 2004****Applicant(s):
Welland, et al.****Application No.: 09/686,072****Filed: October 11, 2000****Title: METHOD AND APPARATUS FOR
REDUCING INTERFERENCE****Attorney Docket No.: 75622.P0016****Group Art Unit:
2816****Examiner:
LE, DINH THANH****OFFICIAL****AMENDMENT****Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450**

In response to the Office Action dated November 13, 2003, please amend the application as follows.